

Amendments to the Claims

1. (Currently amended) A system, comprising:

a client operable for installing font resources and configured to generate a first data stream, wherein the first data stream comprises: comprising

page description information for printing a document; and

native names of the installed font resources:[,] wherein said client comprises:

a first memory unit operable for installing font resources; and

a first processor coupled to said first memory unit;

a resource library of font resources coupled to the client, the resource library including a resource table configured to map the native names of the installed font resources on the client to font resources in the resource library and allow the client to modify the resource table to change the mapping of the native names to the font resources;

a print server coupled to the resource library and configured to receive the first data stream, process the first data stream using the resource table to map the native names in the first data stream to a first font resource in the resource library, and generate a second data stream from the first data stream;

the print server further configured to process the first data stream using the resource table to map the native names of the first data stream to a second font resource in the resource library, and generate a third data stream from the first data stream, wherein the resource table has been modified by the client after generating the first data stream to change the mapping between native names and font resources; and

a spool coupled to said client, wherein said spool is configured to store said first data stream;

a resource library configured to store font resources;

a print server coupled to said spool and said resource library, wherein said print server comprises:

a second memory unit operable for storing a printer driver configured to generate

a second data stream; and

a second processor coupled to said first memory unit; and

a printer coupled to said print server, wherein said printer is configured to receive said the second and third data stream generated from said the print server,[[:]] and

~~wherein said resource library comprises:~~

~~a table configured to map native names of font resources to file names;
identifications and attributes associated with said font resources;~~

2. (Currently amended) The system as recited in claim 1, wherein ~~said first processor, responsive to said first memory, the client further~~ comprises:

~~circuitry operable for receiving a character[[,]] to be effectively wherein said character is a modified character in a first base font resource or is a character to be added to, [[or]] deleted from, or modified in a said first base font resource;~~

~~circuitry operable for creating a new font resource that comprises includes the received said character in a file;~~

~~circuitry operable for generating an identification associated with said-created the new font resource;~~

~~circuitry operable for creating an entry in said the resource table establishing said-created the new font resource as a second base font resource; and~~

~~circuitry operable for storing a native name of said-created the new font resource and its associated file name and said the identification in said the created entry.~~

3. (Currently amended) The system as recited in claim 2, wherein ~~said first processor, responsive to said first memory, the client further~~ comprises:

~~circuitry operable for creating a link list in an entry in said the resource table associated with said the first base font resource to link said-created the new font resource to said the first base font resource;~~

~~circuitry operable for indicating in said the entry in said the table associated with said the first base font resource to not reverse linking of said the first base font resource to said created the new font resource if said the received character is a character to be added; and~~

~~circuitry operable for indicating in said the entry in said the table associated with said the first base font resource to reverse linking of said the first base font resource to said-created the new font resource if said the received character is a character to be modified or deleted.~~

4. (Currently amended) The system as recited in claim 1, wherein ~~said first processor, responsive to said first memory;~~ the client further comprises:

circuitry operable for installing a collection font resource, wherein ~~said~~ the collection font resource comprises a stand alone font resource;

circuitry operable for generating an identification associated with ~~said~~ the collection font resource;

circuitry operable for creating an entry in ~~said~~ the table for ~~said~~ the stand alone font resource; and

circuitry operable for storing in ~~said~~ the created entry a native name of ~~said~~ the stand alone font resource along with ~~said~~ the identification and a file name of ~~said~~ the collection font resource.

5. (Currently amended) The system as recited in claim 1, wherein ~~said second processor, responsive to said second memory;~~ the print server further comprises:

circuitry operable for receiving a native name identifying a font resource in ~~said~~ the first data stream;

circuitry operable for searching ~~said~~ the table for ~~said~~ the received native name and its associated file name; and

circuitry operable for downloading a file referenced by ~~said~~ the file name to ~~said~~ the printer if ~~said~~ the printer has not stored ~~said~~ the file referenced by ~~said~~ the file name.

6. (Currently amended) The system as recited in claim 1, wherein ~~said first processor, responsive to said first memory;~~ the client further comprises:

circuitry operable for updating a font resource identified with a first identification, wherein ~~said~~ the resource table comprises an entry storing a native name identifying ~~said~~ the font resource and its the associated ~~said~~ first identification;

circuitry operable for generating a second identification associated with ~~said~~ the updated font resource; and

circuitry operable for editing ~~said~~ the resource table by replacing ~~said~~ the first identification with ~~said~~ the second identification.

7. (Currently amended) The system as recited in claim 1, wherein ~~said second processor, responsive to said second memory;~~ the print server further comprises:

circuitry operable for receiving a native name identifying a font resource in ~~said~~ the first data stream;

circuitry operable for searching ~~said~~ the resource table for ~~said~~ the received native name and its associated identification; and

circuitry operable for downloading a file referenced by ~~said~~ the identification to ~~said~~ the printer if ~~said~~ the printer has not stored ~~said~~ the file referenced by ~~said~~ the identification.

8. (Currently amended) The system as recited in claim 1, wherein ~~said second processor, responsive to said second memory;~~ the print server further comprises:

circuitry operable for receiving a character string and a native name identifying a font resource in ~~said~~ the first data stream;

circuitry operable for searching ~~said~~ the resource table for ~~said~~ the received native name and its associated attributes, wherein ~~said~~ the associated attributes indicate if ~~said~~ the font resource is a private or a public resource;

circuitry operable for downloading and transmitting a file referenced by ~~said~~ the file name to ~~said~~ the printer;

circuitry operable for allowing ~~said~~ the printer to capture ~~said~~ the file if ~~said~~ the resource is ~~said~~ a public resource; and

circuitry operable for not allowing said printer to capture ~~said~~ the file if ~~said~~ the resource is ~~said~~ a private resource.

9 - 14. (Cancelled)